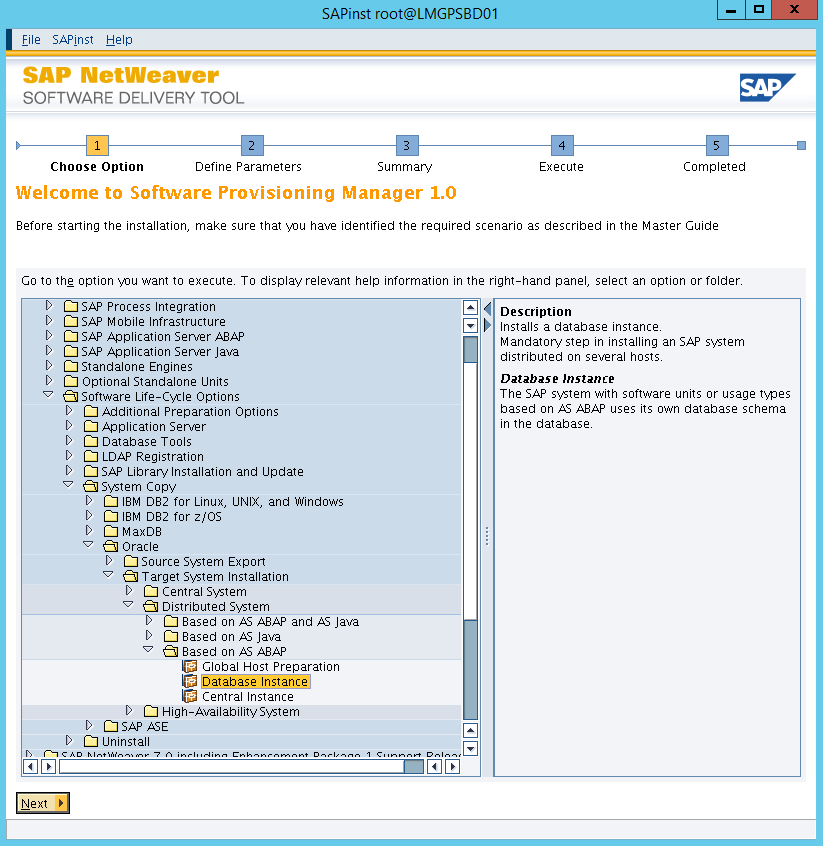
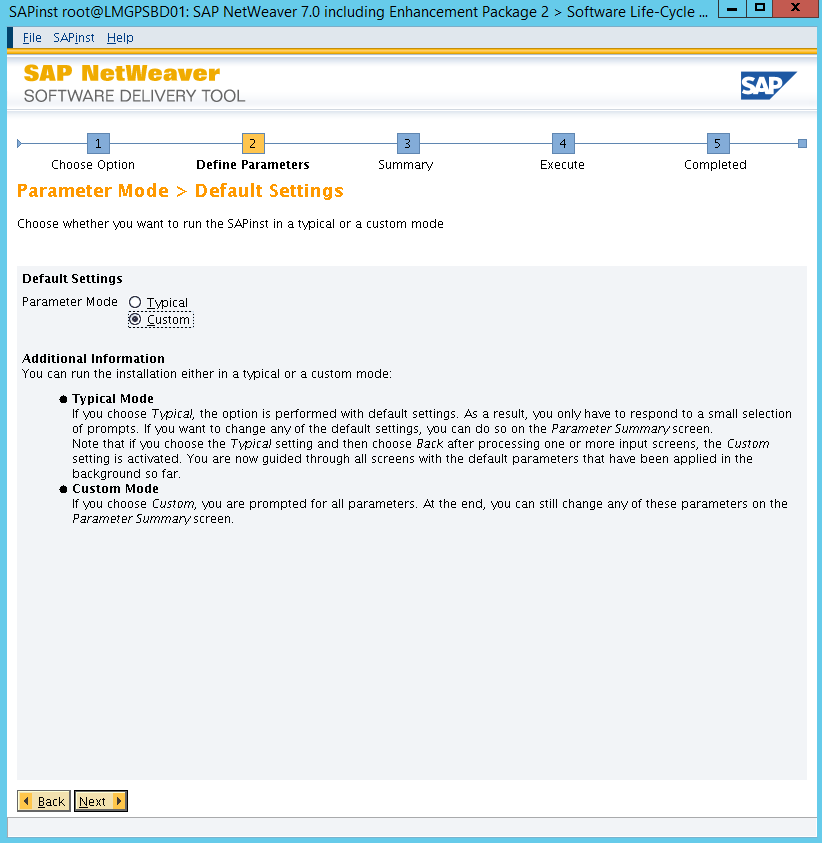
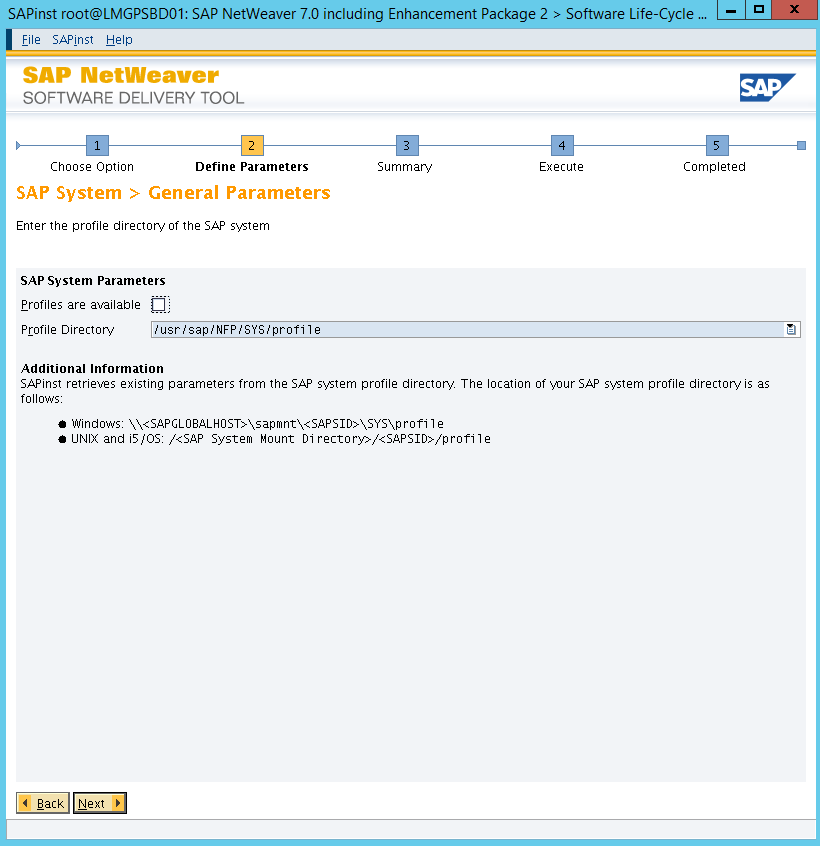
Preparação DATAGUARD SAP

Instalação dos binários da SAP





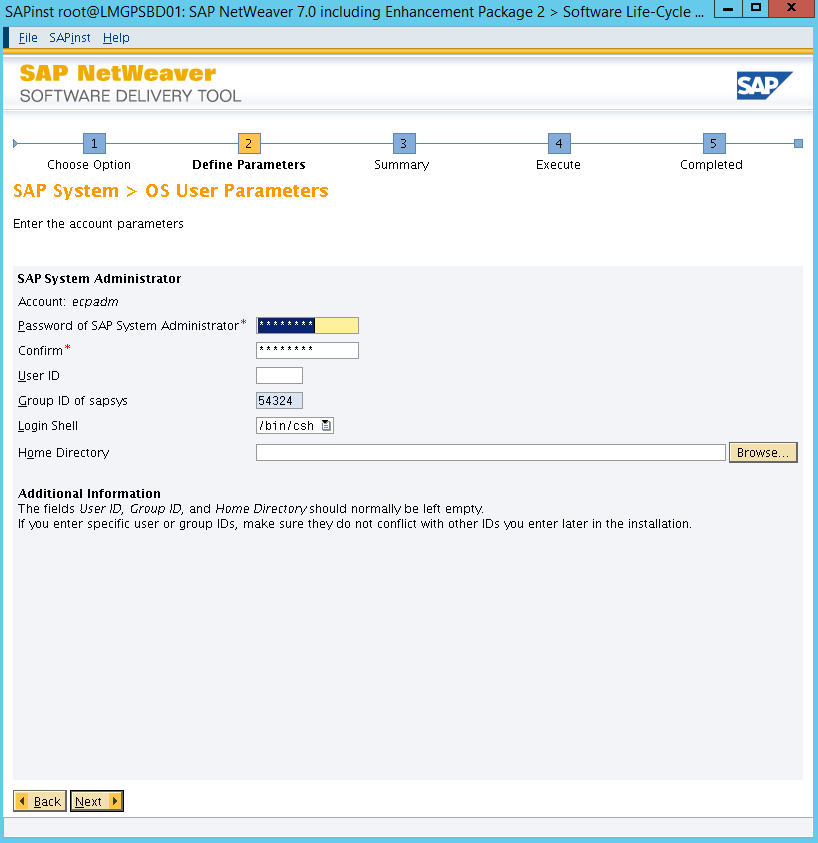


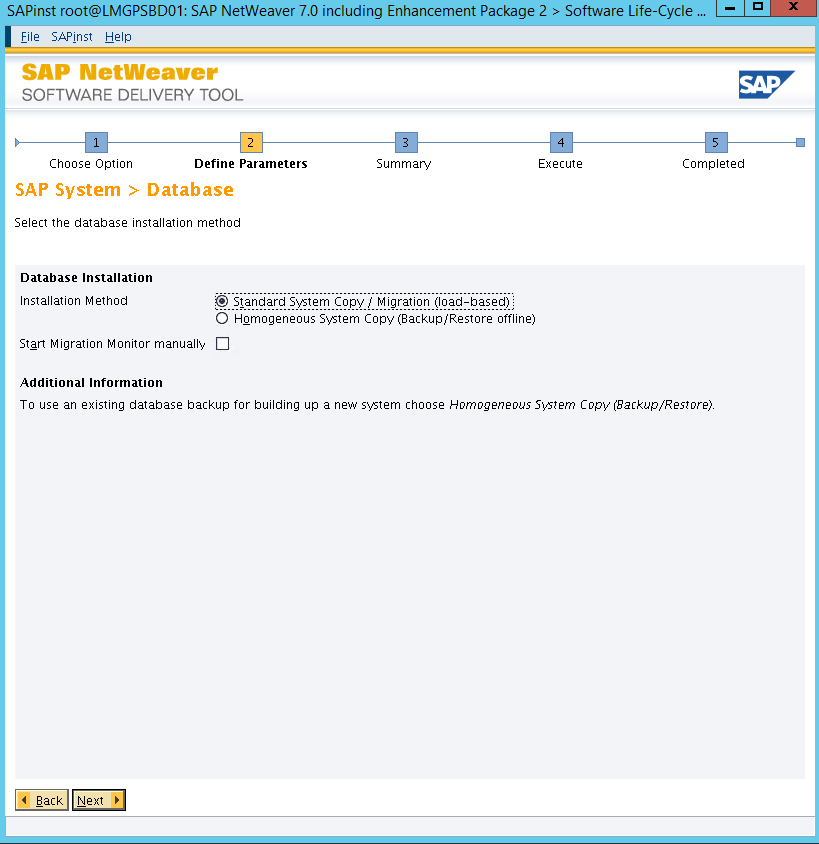




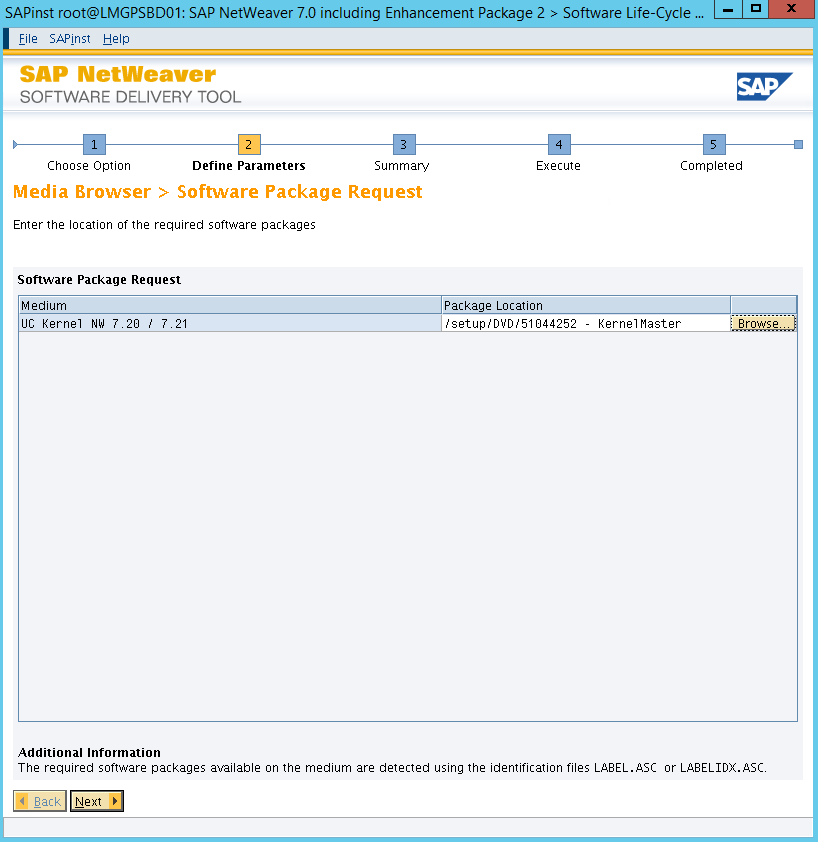


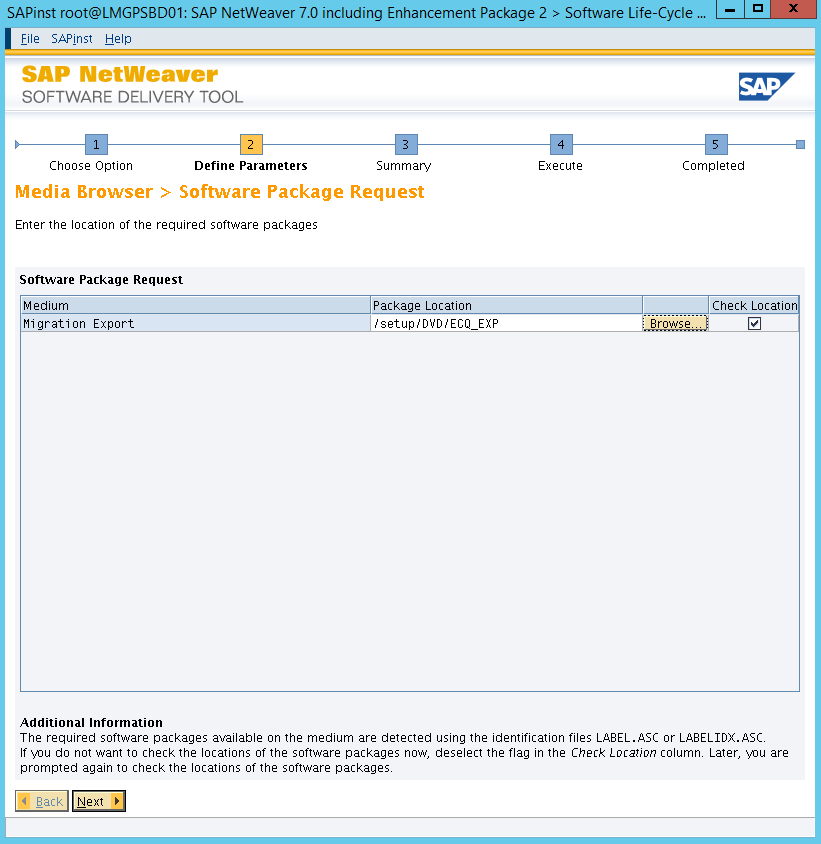


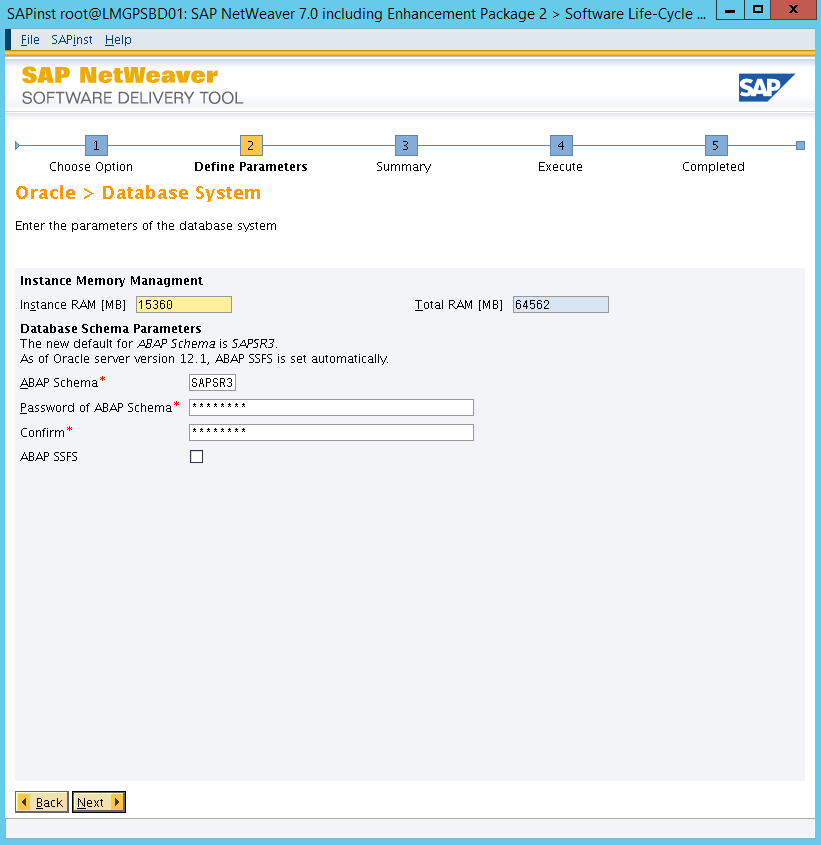


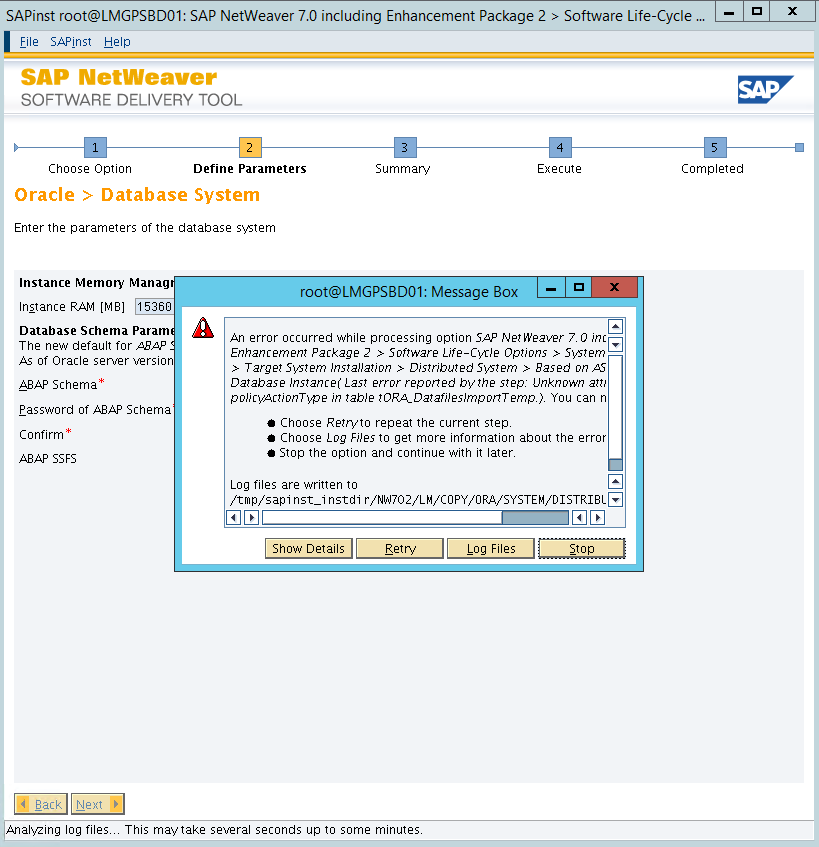






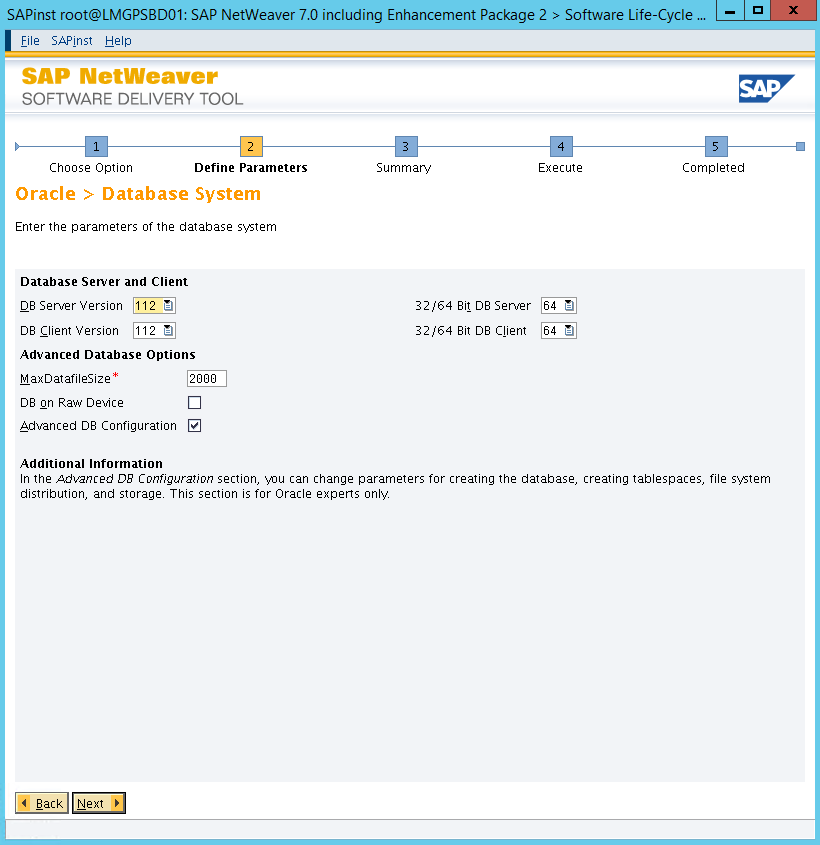


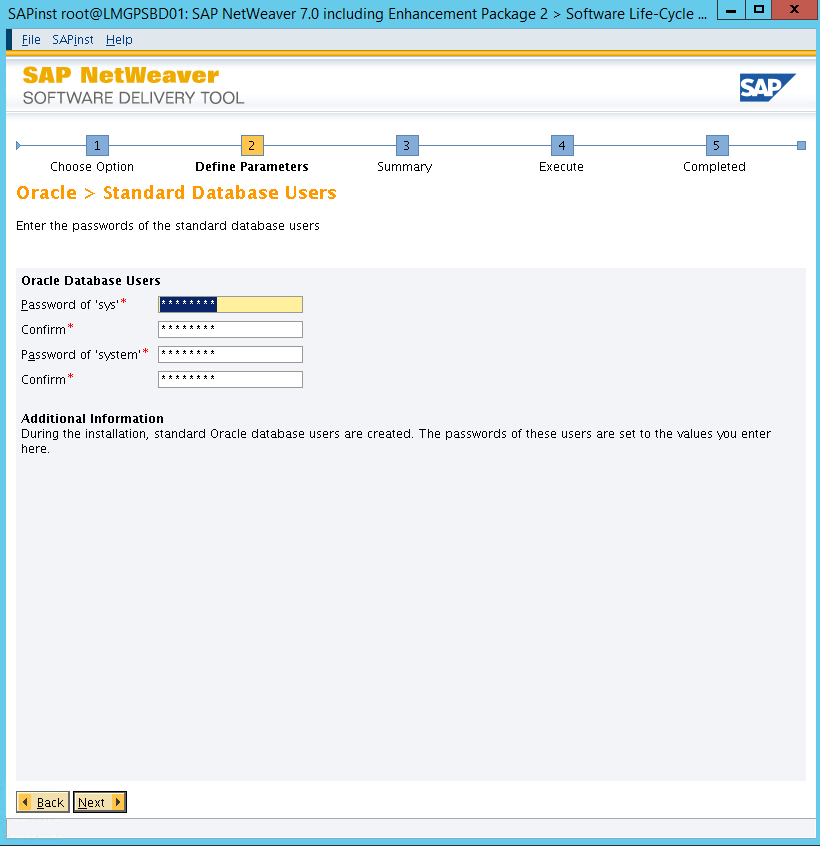


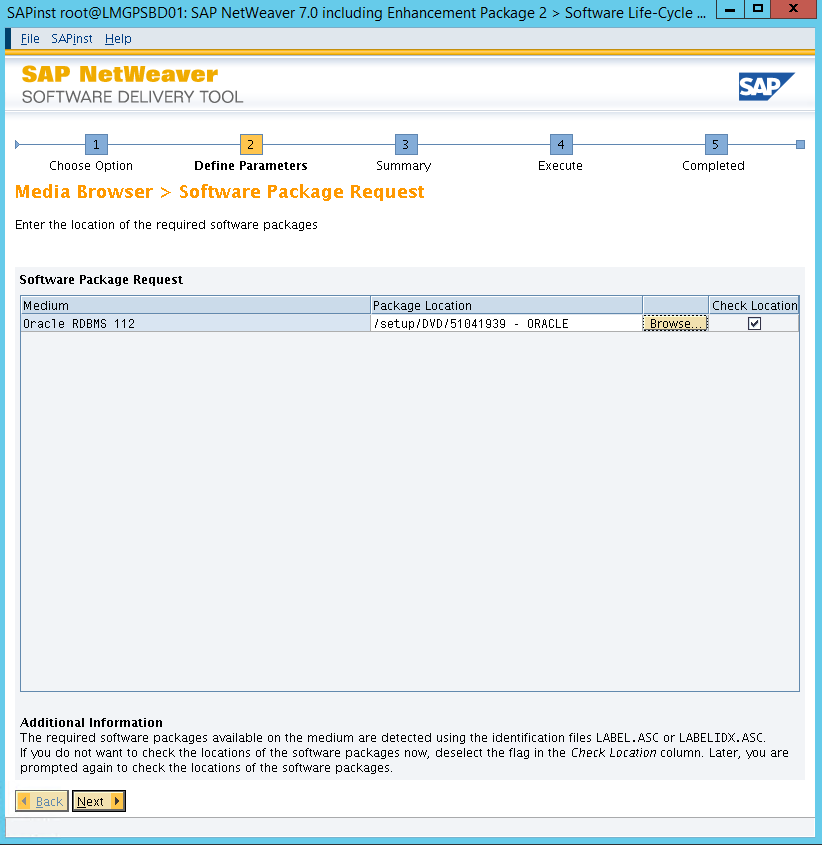


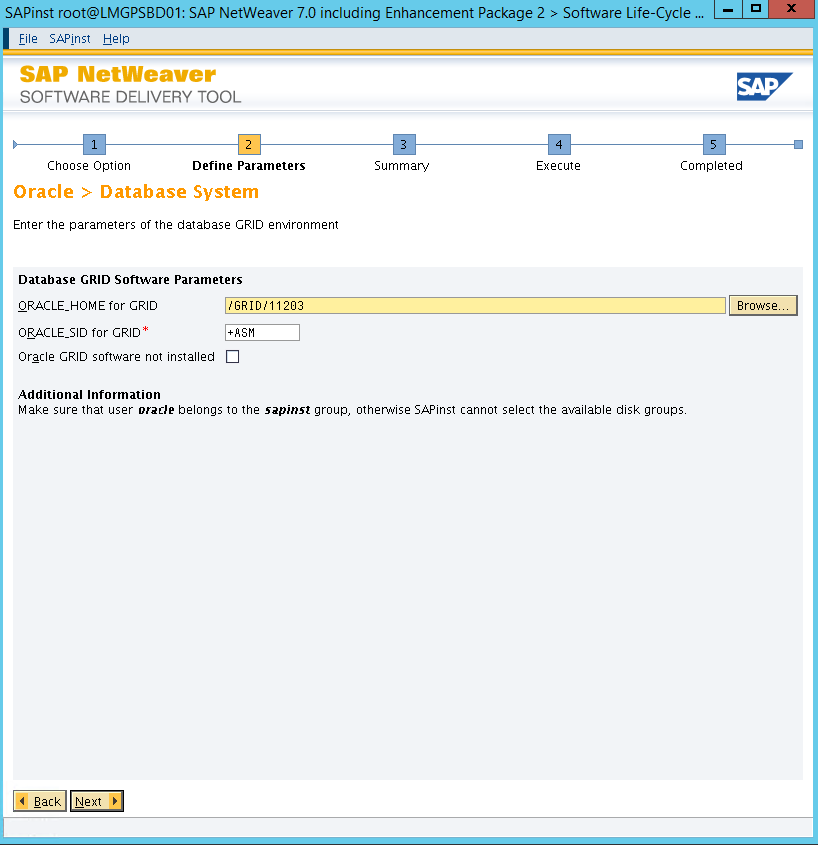
*make a backup from the file DBSIZE.XML in sapinst\_instdir and \ABAP\DB\ORA then remove the columns*

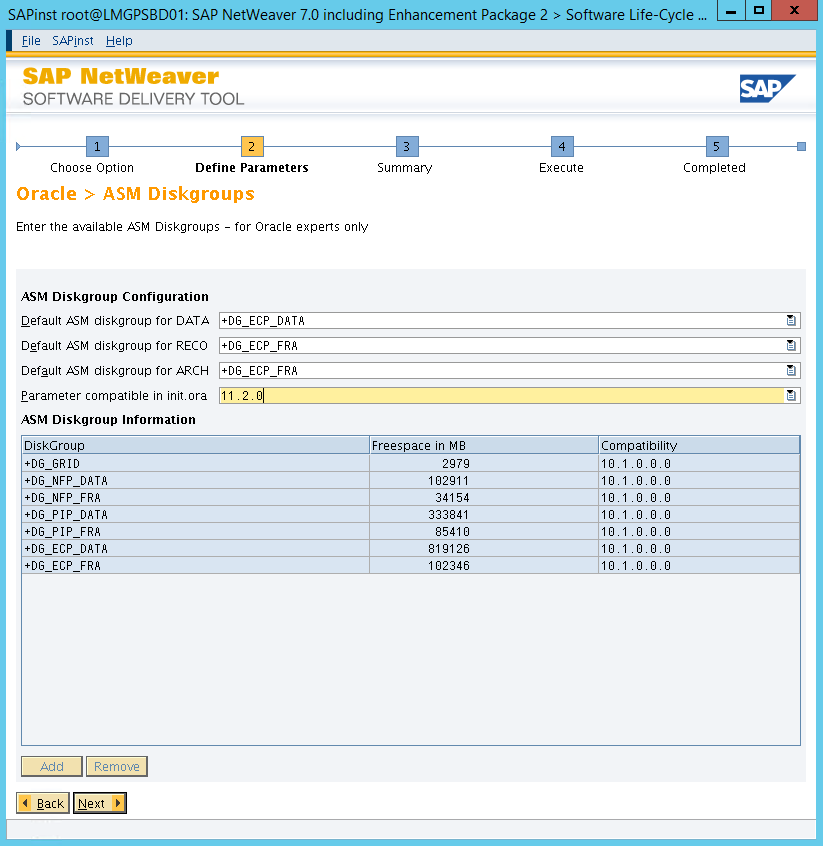
*"policyActionType" and "policyDays" from the original one.*

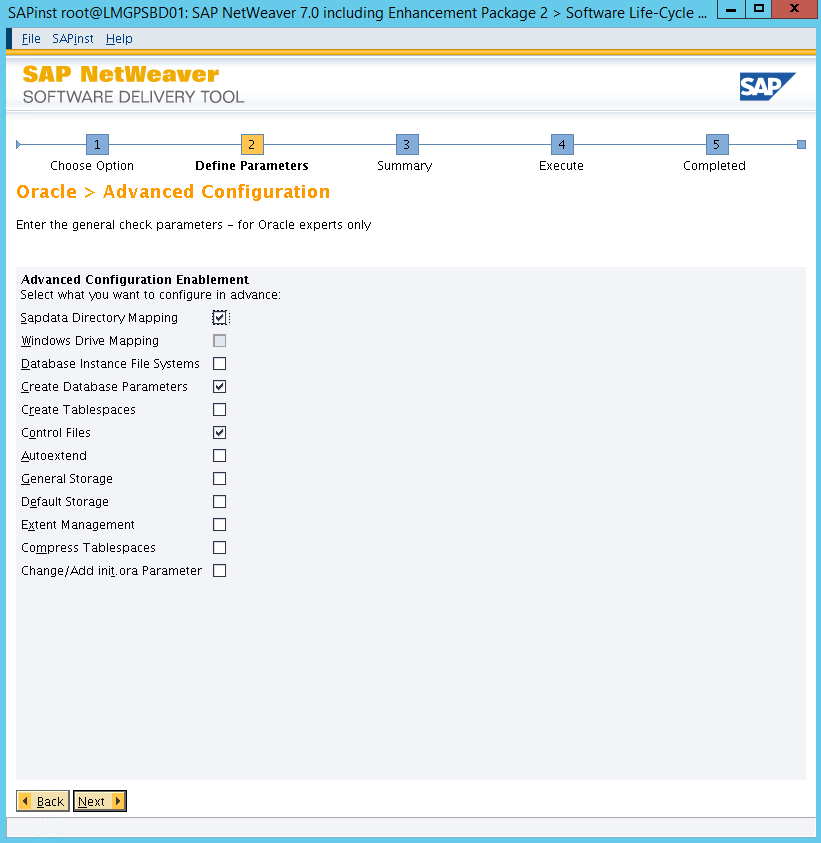


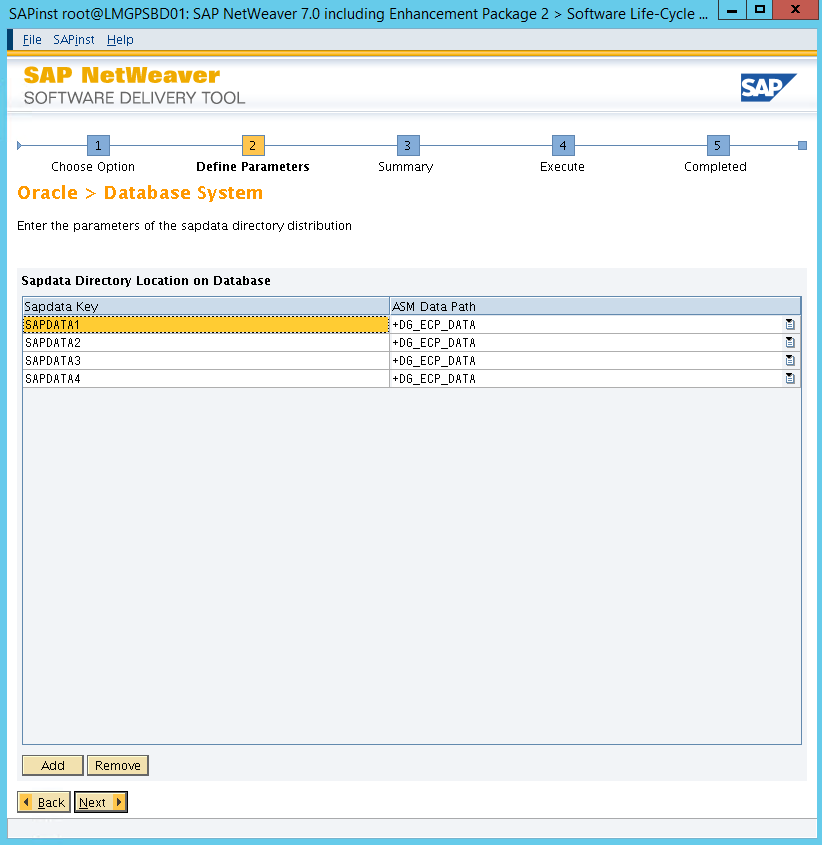


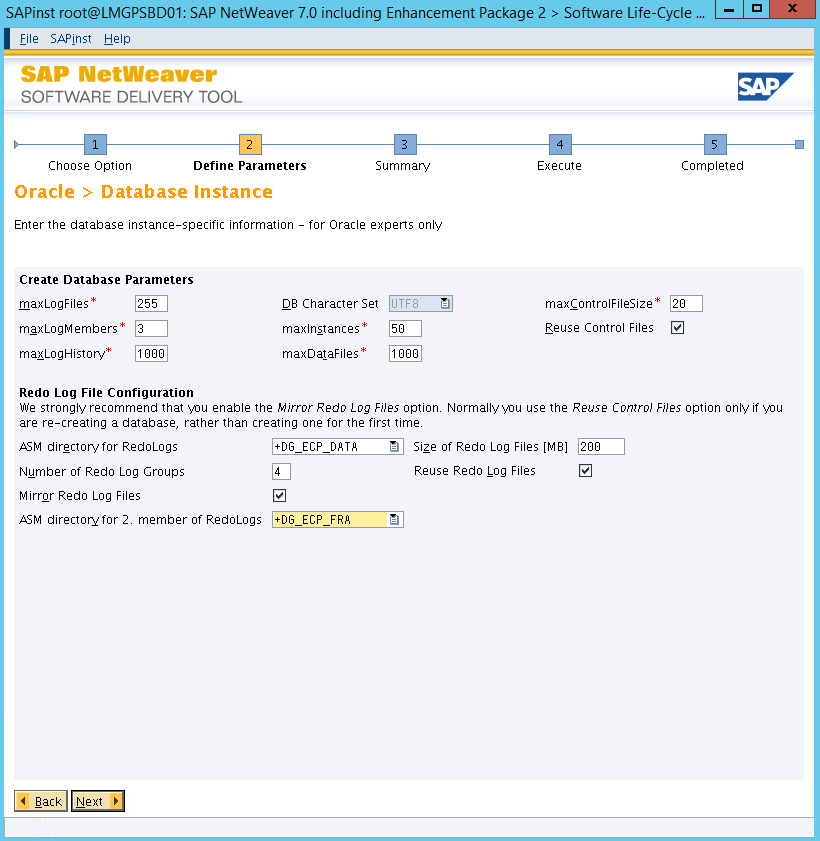


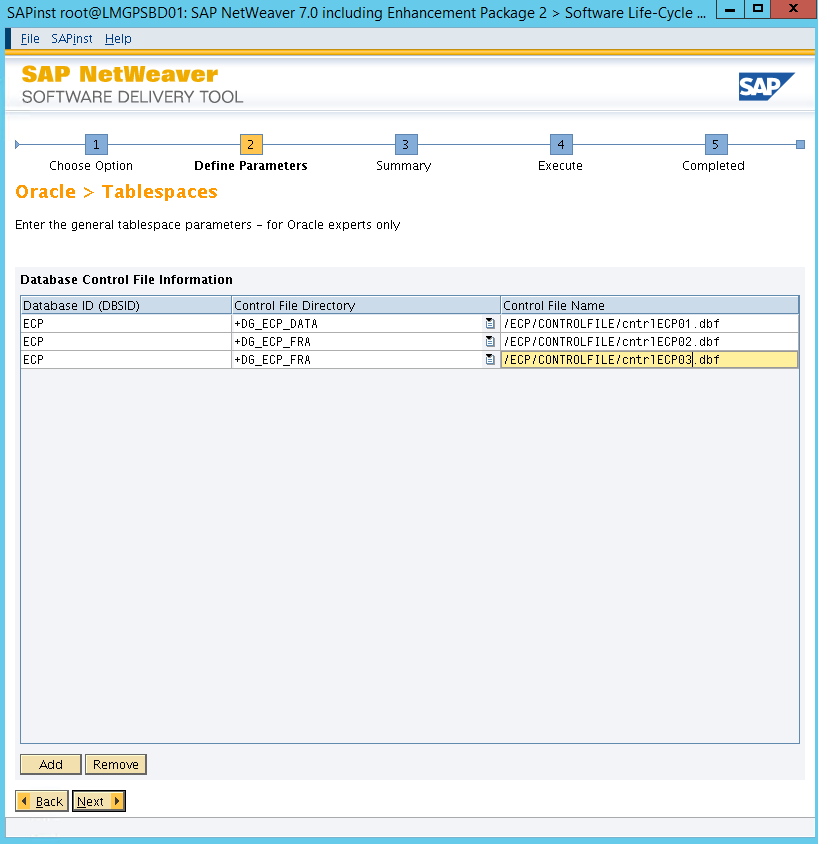


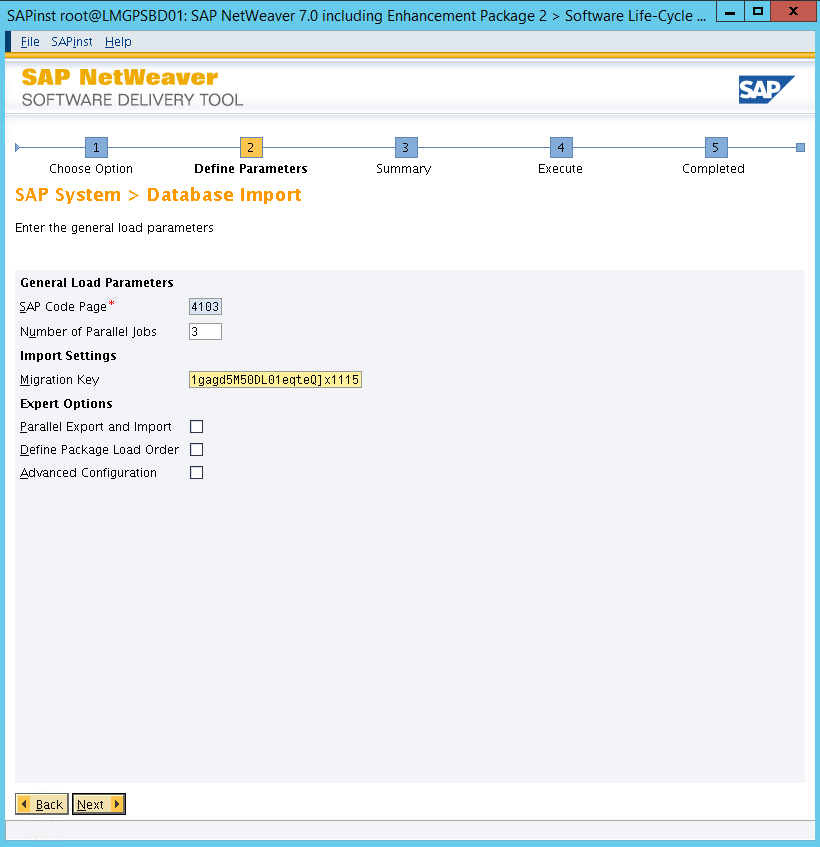


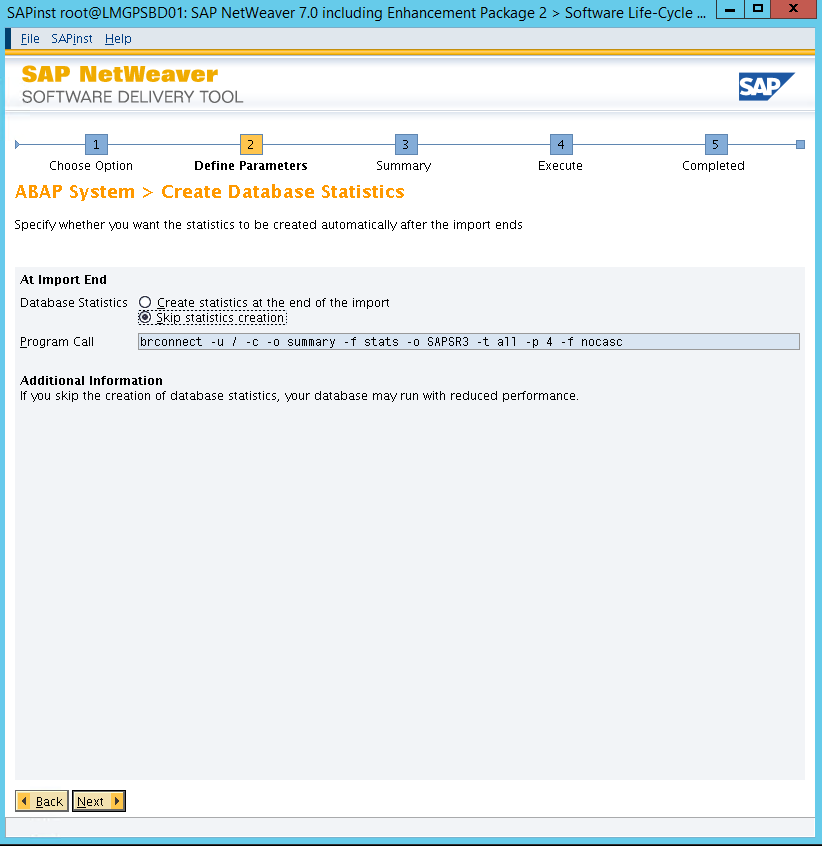


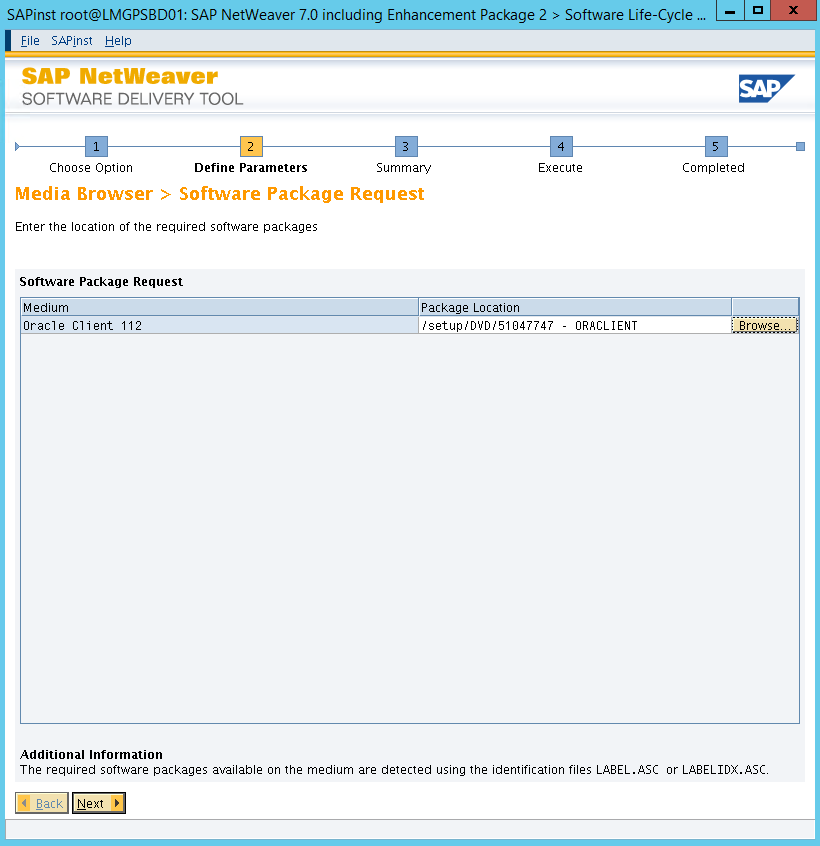


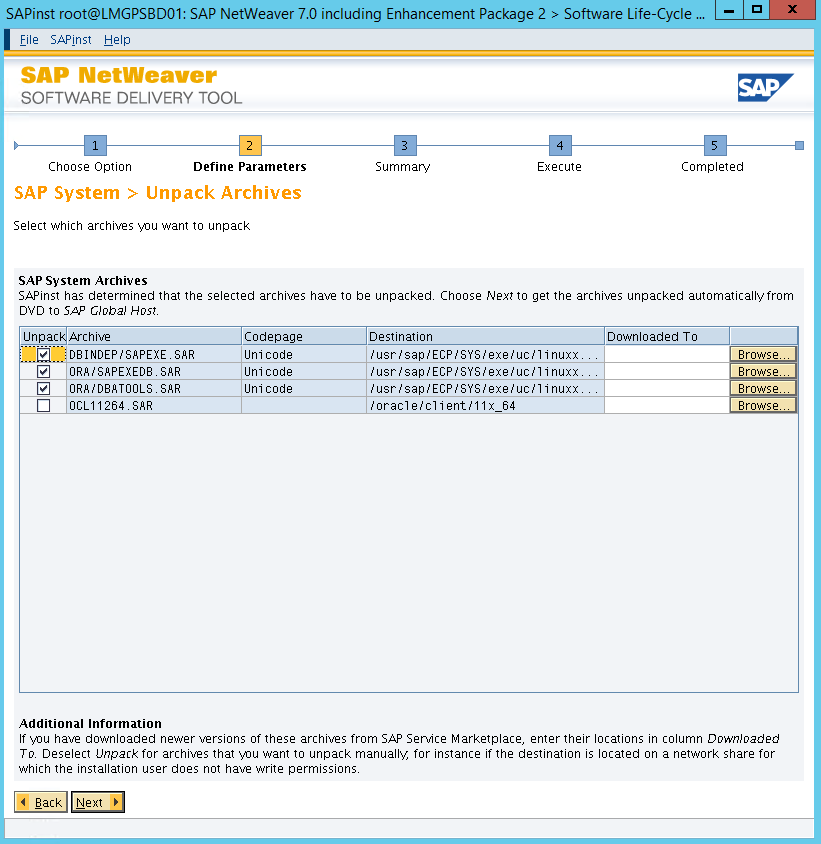


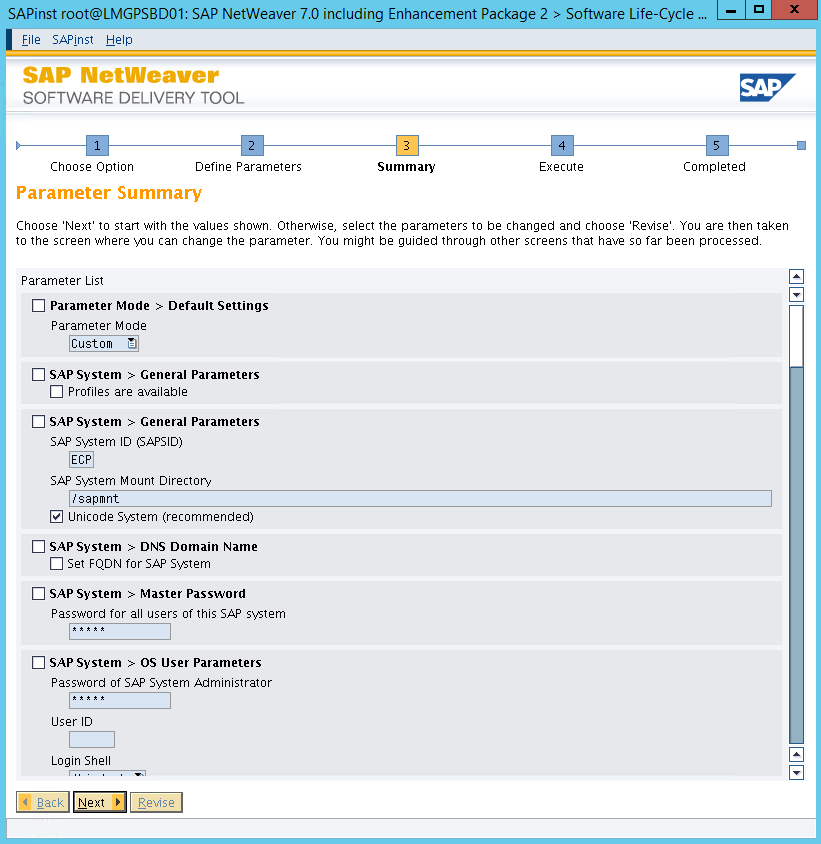


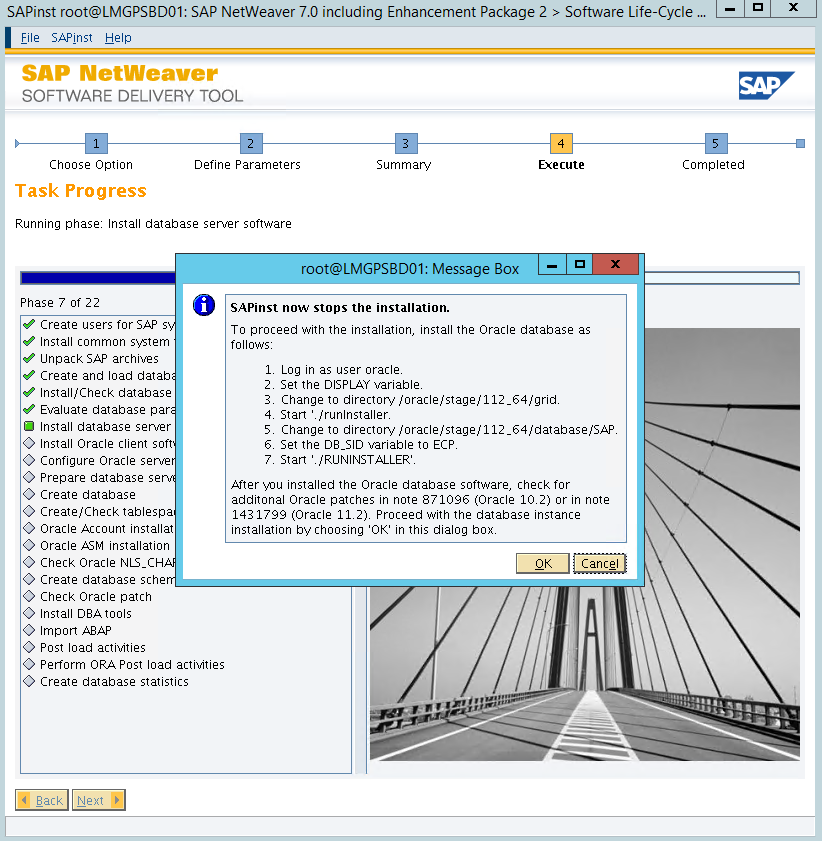






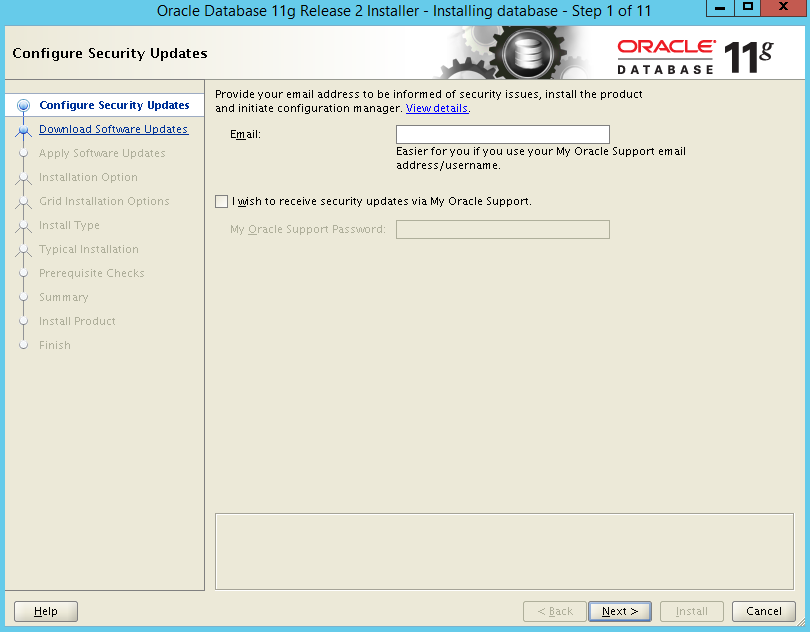


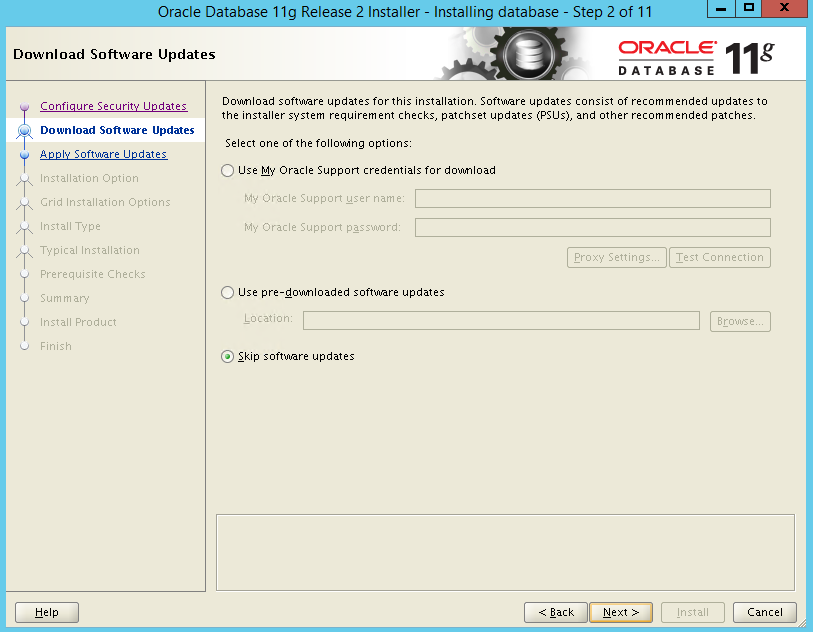


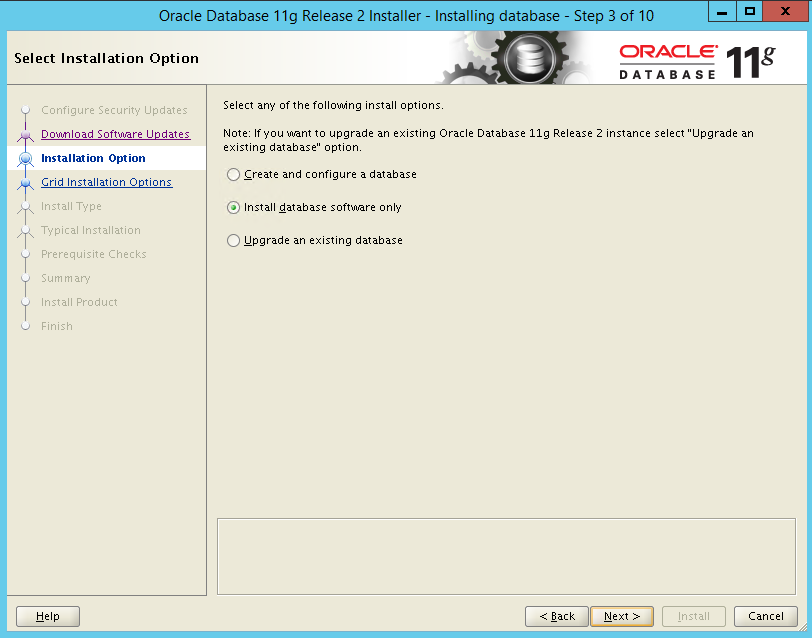


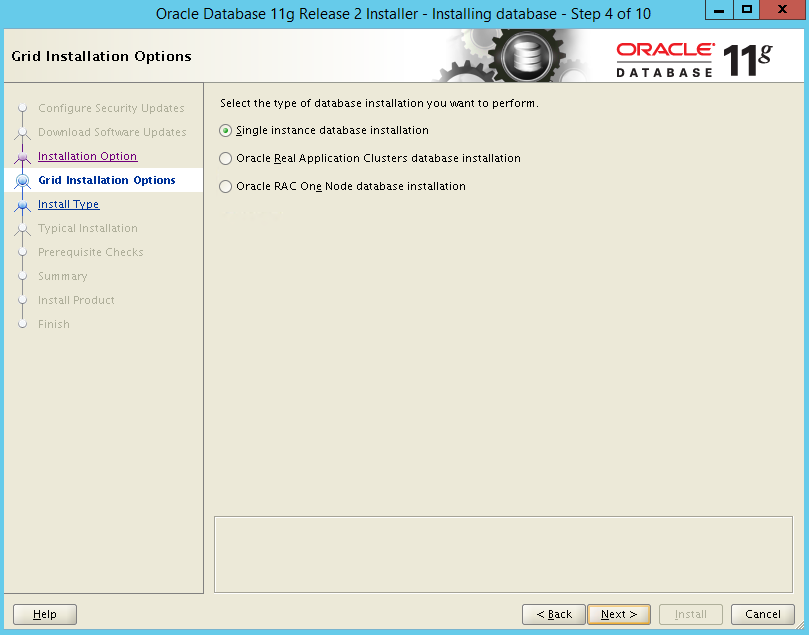


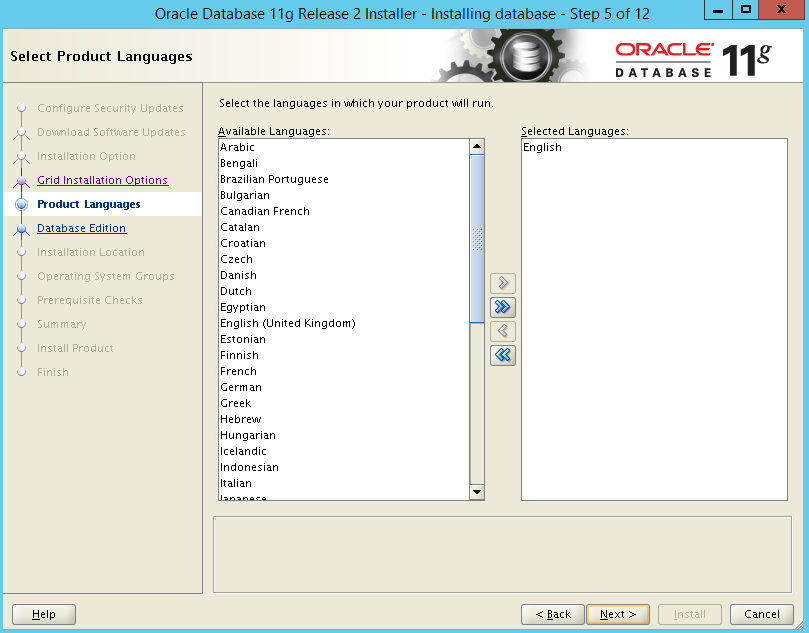


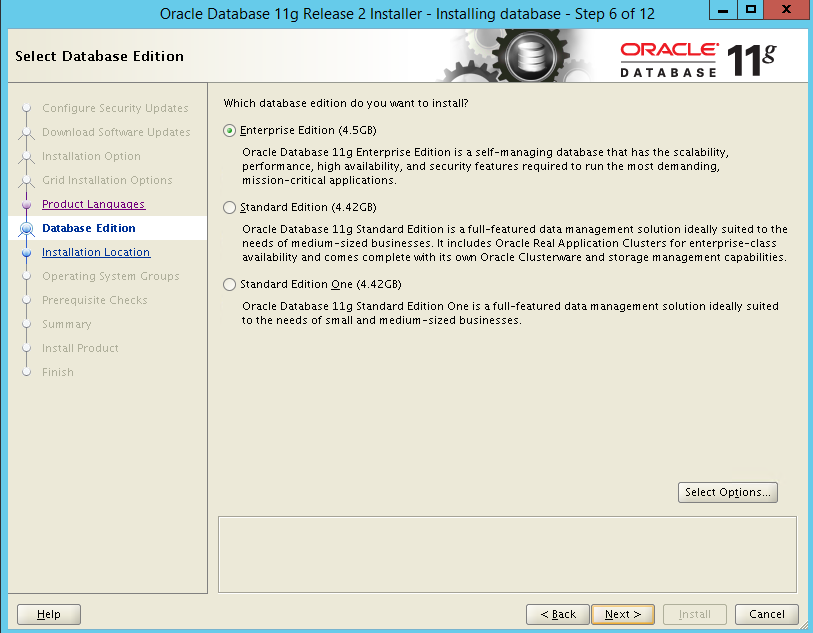


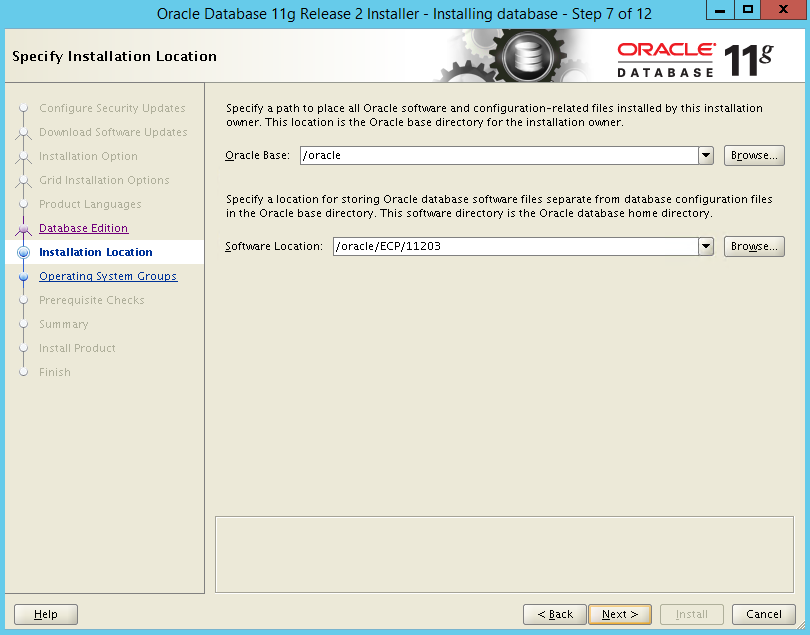




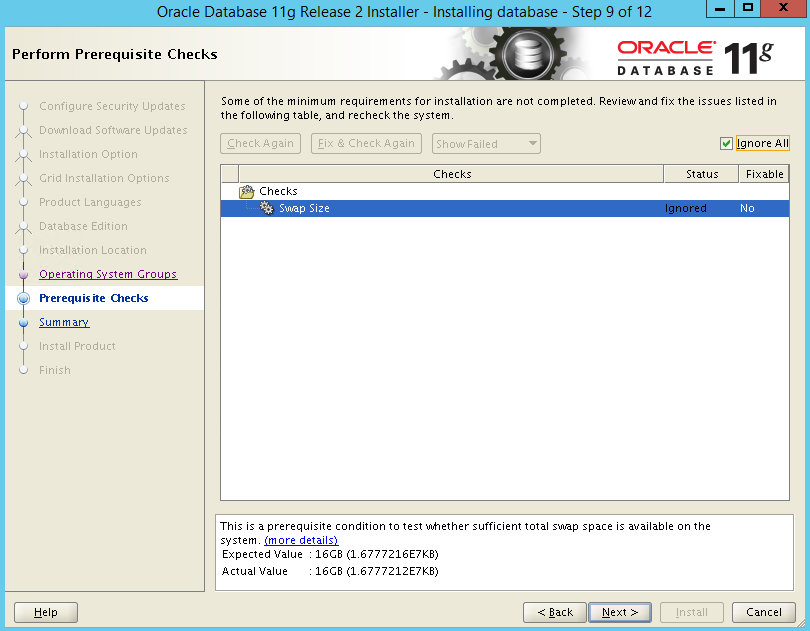


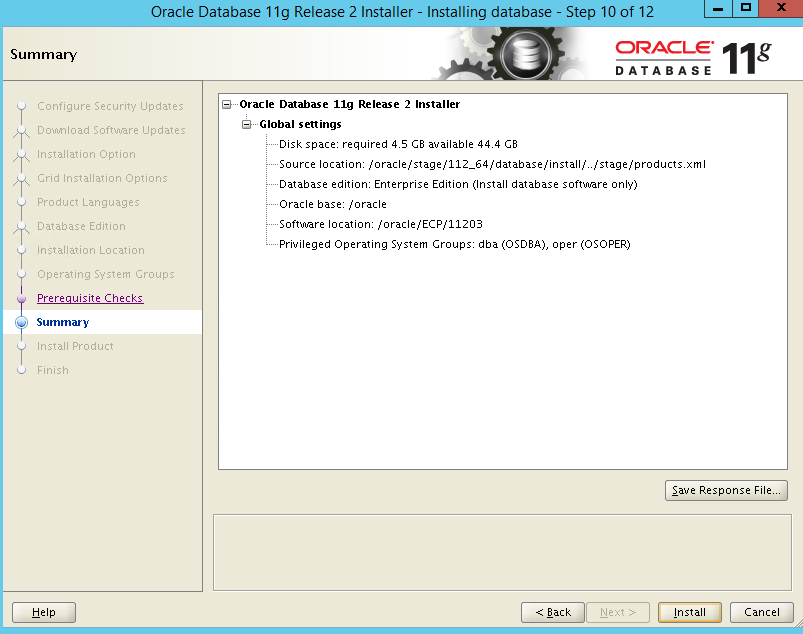


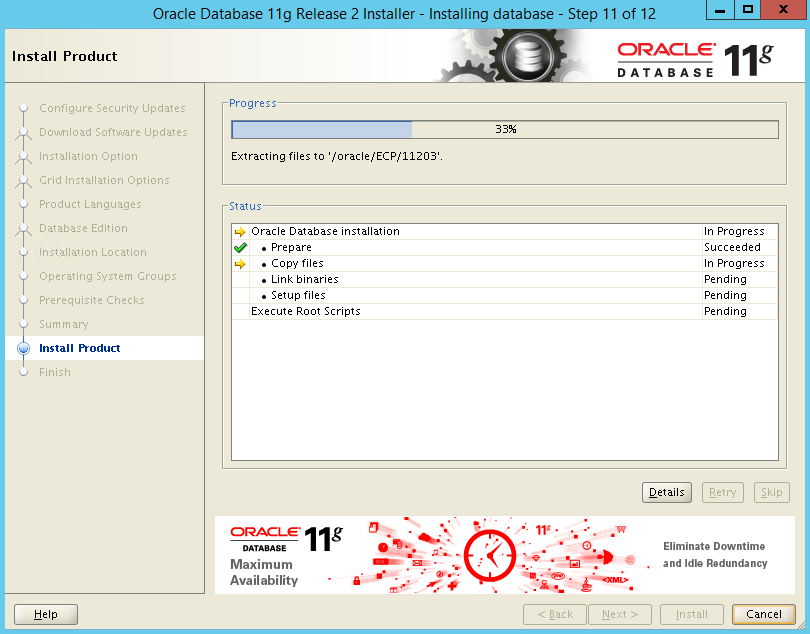


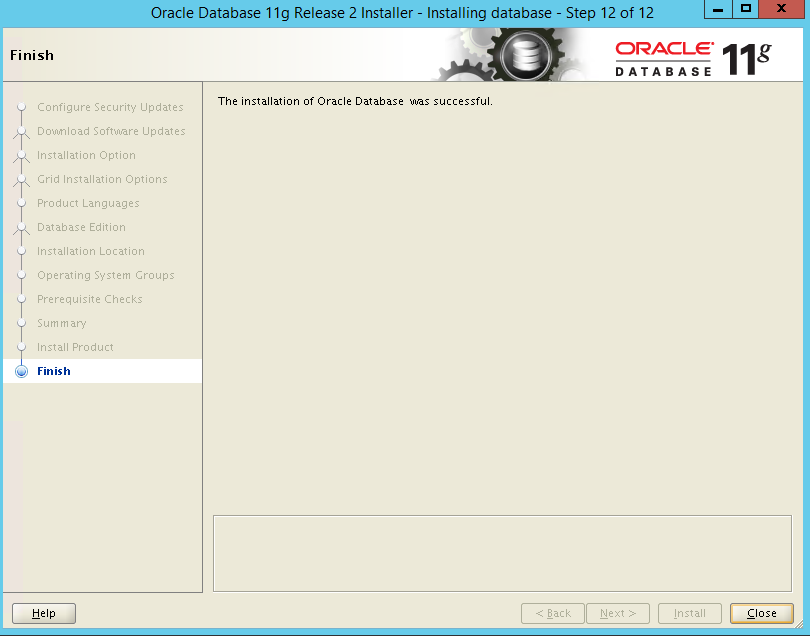


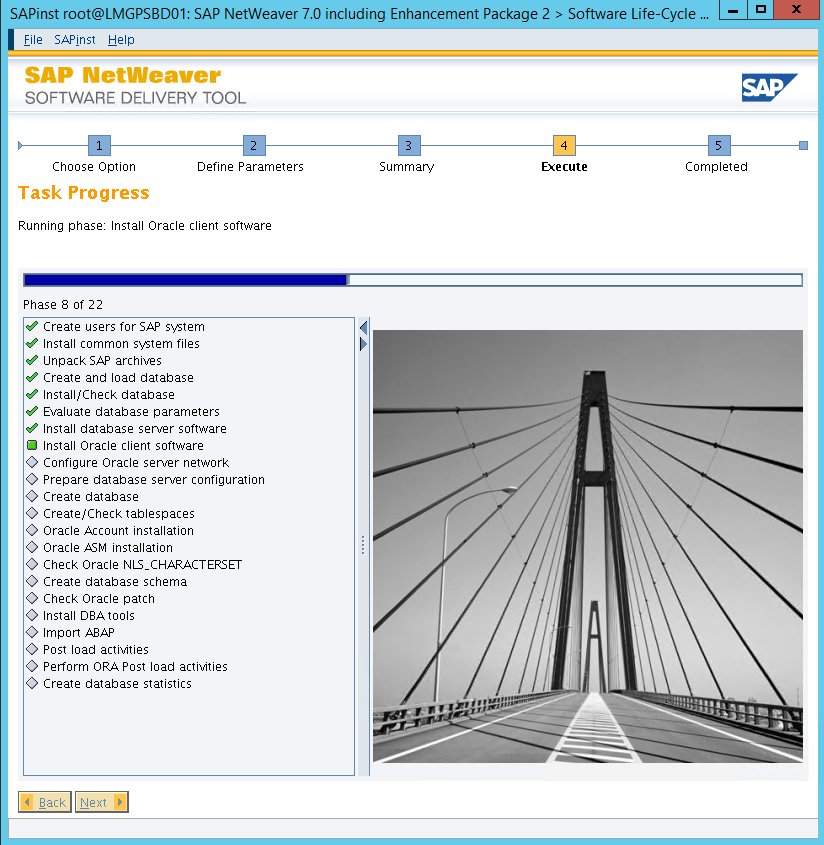












1. Ajustar TNSNAMES.ORA da instância primaria e standby
2. Copiar orapwd e verificar permissões
3. Gera controlfile do standby
   1. ALTER DATABASE CREATE STANDBY CONTROLFILE AS '/home/oracle/cntrlPIP01\_STBY.dbf';
4. Alterar localização e nome dos controlfiles do standby e adicionar os parametros abaixo:
   1. #### DATA GUARD ###

\*.cluster\_database=false

\*.db\_unique\_name='NFP\_STBY'

\*.fal\_server='NFP1','NFP2'

\*.log\_archive\_config='DG\_CONFIG=(NFP,NFP\_STBY)'

\*.log\_archive\_dest\_2='SERVICE=NFP NOAFFIRM ASYNC VALID\_FOR=(ONLINE\_LOGFILES,PRIMARY\_ROLE) DB\_UNIQUE\_NAME=NFP'

\*.log\_archive\_dest\_state\_2='ENABLE'

\*.standby\_file\_management='AUTO'

\*.fal\_client='NFP\_STBY'

\*.db\_file\_name\_convert='+DG\_NFP\_DATA/NFP/','+DG\_NFP\_DATA/NFP\_STBY/','+DG\_NFP\_FRA/NFP/','+DG\_NFP\_FRA/NFP\_STBY/'

\*.log\_file\_name\_convert='+DG\_NFP\_DATA/NFP/','+DG\_NFP\_DATA/NFP\_STBY/','+DG\_NFP\_FRA/NFP/','+DG\_NFP\_FRA/NFP\_STBY/'

\*.thread=1

1. create spfile from pfile='/oracle/PIP/11203/dbs/initPIP\_STBY.ora';
2. startup nomount;
3. rman target sys/pass@PIP auxiliary sys/pass@pip\_stby catalog rman/pass@RMN
4. run

{

ALLOCATE auxiliary CHANNEL ch00 TYPE 'SBT\_TAPE' PARMS'SBT\_LIBRARY=/usr/openv/netbackup/bin/libobk.so64';

SEND 'NB\_ORA\_CLIENT=ldcrac02-bkp.intranet.local,NB\_ORA\_SID=NFP2,NB\_ORA\_SERV=wdcbkp01,NB\_ORA\_POLICY=Policy\_DC\_Oracle\_PRD\_NFP';

duplicate target database for standby nofilenamecheck dorecover;

release CHANNEL ch00;

}

1. Restaura os archives que estão faltando:

**rman target sys/pass@nfp\_stby catalog rman/rman001@RMN**

run

{

ALLOCATE CHANNEL ch00 TYPE 'SBT\_TAPE' PARMS 'SBT\_LIBRARY=/usr/openv/netbackup/bin/libobk.so64';

SEND 'NB\_ORA\_CLIENT=ldcrac02-bkp.intranet.local,NB\_ORA\_SID=PIP2,NB\_ORA\_SERV=wdcbkp01,NB\_ORA\_POLICY=Policy\_DC\_Oracle\_PRD\_PIP';

restore archivelog FROM SEQUENCE 56019 UNTIL SEQUENCE 56140 thread 2;

release CHANNEL ch00;

}

1. Configurar os parâmetros no PRIMARY

ALTER DATABASE FORCE LOGGING;

ALTER SYSTEM SET LOG\_ARCHIVE\_CONFIG='DG\_CONFIG=(PIP,PIP\_STBY)' scope=both;

ALTER SYSTEM SET LOG\_ARCHIVE\_MAX\_PROCESSES=30 scope=both;

ALTER SYSTEM SET LOG\_ARCHIVE\_DEST\_2='SERVICE=PIP\_STBY NOAFFIRM ASYNC VALID\_FOR=(ONLINE\_LOGFILES,PRIMARY\_ROLE) DB\_UNIQUE\_NAME=PIP\_STBY' scope=both;

ALTER SYSTEM SET LOG\_ARCHIVE\_DEST\_STATE\_2=ENABLE;

ALTER SYSTEM SET FAL\_SERVER=PIP\_STBY;

alter system set STANDBY\_FILE\_MANAGEMENT=auto;

1. Conferir se os archives foram aplicados no Standby (GAP)

select thread#, low\_sequence#, high\_sequence# from v$archive\_gap;

e

select PROCESS,STATUS, THREAD#,SEQUENCE#, BLOCK#, BLOCKS

from v$managed\_standby ;

e

*--Executa no PRIMARY e STANDBY pra conferir os ultimos arqhives aplicados*

SELECT thread#, Max(sequence#) "Last Standby Seq Applied" FROM v$archived\_log WHERE applied = 'YES' GROUP BY thread#